

JOURNAL  
COMMENT

Unpublished (1995)

LOCUS	HUMD4H12M3	98 bp	mrna	01-DEC-1994
DEFINITION	Human HepG2 3' region MboI cDNA, clone hmd4h12m3.			
ACCESSION	D17247			
NID	9598948			
KEYWORDS	gene signature.			
SOURCE	Homo sapiens			
ORGANISM	Homo sapiens Male cell_line:HepG2 cDNA to mRNA, clone_lib:Kiseru.			
	Eukaryotes; Mitochondrial eukaryotes; Metazoa; Chordata;			
	Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominiidae;			
	Homo.			
REFERENCE	1 (bases 1 to 98)			
AUTHORS	Matoba,K., Okubo,K., Hori,N., Fukushima,A. and Matsubara,K.			
TITLE	The addition of 5'-coding information to a 3'-directed cDNA library improves analysis of gene expression			
JOURNAL	Gene 146 (2), 199-207 (1994)			
MEDLINE	94357437			
REFERENCE	2 (bases 1 to 98)			
AUTHORS	Matoba,K.			
TITLE	Direct Submission			
JOURNAL	Submitted (21-JUL-1993) to the DDBJ/EMBL/GenBank databases. Ryo			
	Matoba, Osaka University, Institute for Molecular and Cellular Bio;			
	1-3, Yamada-oka, Suita, Osaka 565, Japan			
	(E-mail:matoba@inrnet.imcb.osaka-u.ac.jp,			
	Tel:81-6-877-5111(ex.3314), Fax:81-6-877-1922)			
COMMENT	Submitted (21-Jul-1993) to DDBJ by:			

RESULT 7  
LOCUS HUMD4H12M3 98 bp mRNA PRI 01-DEC-1994  
DEFINITION Human HepG2 3' region MboI cDNA, clone hmd4h12m3.  
ACCESSION D17247  
NID 9598848  
KEYWORDS gene signature.  
SOURCE Homo sapiens Male cell\_line:HepG2 cDNA to mRNA, clone\_lib:Kiseru.  
ORGANISM Homo sapiens  
REFERENCE 1 (bases 1 to 98)  
AUTHORS Matoba, R., Okubo, K., Hori, N., Fukushima, A. and Matsubara, K.  
TITLE The addition of 5'-coding information to a 3'-directed cDNA library improves analysis of gene expression  
JOURNAL 94357437  
MEDLINE 94357437  
REFERENCE 2 (bases 1 to 98)  
AUTHORS Matoba, R.  
TITLE Direct Submission  
JOURNAL Submitted (21-JUL-1993) to the DDBJ/EMBL/GenBank databases, Ryo Matoba, Osaka University, Institute for Molecular and Cellular Bio; 1-3, Yamada-oka, Suita, Osaka 565, Japan (E-mail: matoba@inherit.incb.osaka-u.ac.jp, Tel: 81-6-877-5111(ex.3314), Fax: 81-6-877-1922) Submitted (21-Jul-1993) to DDBJ by: Ryo Matoba

COMMENT Molecular Microbiology and Genetics Lab. Research Institute of Innovative Technology for the Earth 9-2 Kizugawadai Kizu-cyo, Soraku-gun, Kyoto Japan, 619-02 Phone: 07747-5-2308 Fax: 07747-5-2321.

FEATURES source  
1..98  
/organism="Homo sapiens"  
/db\_xref="taxon:9606"  
/cell\_line="HepG2"  
/clone\_lib="Kiseru"  
/sex="Male"  
23 a 29 c 24 g 21 t 1 others

BASE COUNT 23 a 29 c 24 g 21 t 1 others  
Query Match 6.8%; Score 68; DB 21; Length 98;  
Best Local Similarity 87.6%; Pred. No. 1.35e-28;  
Matches 78; Conservative 0; Mismatches 11; Indels 0; Gaps 0;  
Db 9 GCGGGCGCTCTAGAGATCCAAAGCTTACGGAGCGGTGATGGAGCTCATAGCTCTCTA 68  
Qy 899 GCGGGCGCTCTAAAGATCCAAAGCTTACGGAGCGGTGATGGAGCTCATAGCTCTCTA 949  
Db 69 TAGAGCACCTTAATCAATCAATCAATGCCC 97  
Qy 950 TAGTGTACCTAAATCAATCAATCAATGCCC 97

RESULT 8  
LOCUS G13951 398 bp DNA STS 22-DEC-1995  
DEFINITION human STS SHGC-2867 clone pg-564.  
ACCESSION G13951  
NID g1129690  
KEYWORDS STS sequence; primer; sequence tagged site.  
SOURCE human.  
ORGANISM Homo sapiens  
REFERENCE 1 (bases 1 to 398)  
AUTHORS Myers, R.M.

JOURNAL COMMENT

Unpublished (1995)

Contact: Richard M. Myers  
Stanford Human Genome Center (SHGC)  
Stanford University School of Medicine  
Department of Genetics, M-344, Stanford, CA 94305, USA  
Tel: 4157259687  
Fax: 4157259689  
Email: myers@shgc.stanford.edu

Primer A: CTCTGGCAGGCAATTTCCAATC  
Primer B: CAGGGGTACTTTATCTCTAGCTC  
STS size: 132  
PCR Profile:

Initial incubation: 94 degrees C for 90 seconds  
Denaturation: 94 degrees C for 15 seconds  
Annealing: 62 degrees C for 23 seconds  
Polymerization: 72 degrees C for 30 seconds  
PCR Cycles: 30  
Thermal Cycler: Perkin Elmer 9600

Protocol:  
Template: 25 ng  
Primer: each 1 uM  
dNTPs: each 200 uM  
Taq Polymerase: 0.05 units/ul  
Total Vol: 10 ul

Buffer:  
MgCl2: 2.5 mM  
KCl: 50 mM  
Tris-HCl: 20 mM  
pH: 8.3

Plasmid clones, generated from a lymphoblastoid cell line from a human male. Localized to human chromosome 2 by analysis on the NIGMS Human/Rodent Somatic Cell Hybrid Panel #1, Coriell Institute for Medical Research, Camden, NJ 08103.

FEATURES source  
1..398  
/organism="Homo sapiens"  
110..241  
primer\_bind 110..132  
primer\_bind complement(219..241)  
BASE COUNT 101 a 83 c 100 g 104 t 10 others  
ORIGIN

Query Match 5.9%; Score 59; DB 24; Length 398;  
Best Local Similarity 88.2%; Pred. No. 4.07e-22;  
Matches 67; Conservative 0; Mismatches 8; Indels 1; Gaps 1;  
Db 320 GCGGNCNCTCTAGAGATCCAAAGCTTACGGAGCGGTGATGGAGCTCATAGCTCTCTA 378  
Qy 899 GCGGGCGCTCTAAAGATCCAAAGCTTACGGAGCGGTGATGGAGCTCATAGCTCTCTA 948  
Db 379 NTNGTGTCAACTAAAT 394  
Qy 949 ATAGTGTCACTAAAT 964

RESULT 9  
LOCUS PSVSPORT 3160 bp DNA circular SYN 24-MAY-1995  
DEFINITION Cloning vector pSVSPORT1 beta-lactamase gene, complete cds.  
ACCESSION U14626  
NID 9540252  
KEYWORDS Cloning vector pSVSPORT1.  
SOURCE Cloning vector pSVSPORT1  
ORGANISM artificial sequence; cloning vectors.  
REFERENCE 1 (sites)  
AUTHORS D'Alessio, J.M.  
TITLE Life technologies, Inc. Catalogue  
JOURNAL Unpublished (1994)





CC ATTORNEY/AGENT INFORMATION:  
CC NAME: Bastian, Kevin L.  
CC REGISTRATION NUMBER: 34,774  
CC REFERENCE/DOCKET NUMBER: 2307E-540  
CC TELECOMMUNICATION INFORMATION:  
CC TELEPHONE: (415) 543-9600  
CC TELEFAX: (415) 543-5043  
CC INFORMATION FOR SEQ ID NO: 5:  
CC SEQUENCE CHARACTERISTICS:  
CC LENGTH: 215 base pairs  
CC TYPE: nucleic acid  
CC STRANDEDNESS: single  
CC TOPOLOGY: unknown  
CC MOLECULE TYPE: protein  
CC FEATURE:  
CC NAME/KEY: misc.feature  
CC LOCATION: 1..215  
CC OTHER INFORMATION: /standard\_name= "Deduced amino acid  
CC OTHER INFORMATION: sequence of GP1P from bean."  
CC  
CC SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.  
CC  
Query Match 4.1%; Score 41; DB 1; Length 215;  
Best Local Similarity 11.6%; Pred. No. 1.07e-10;  
Matches 25; Conservative 90; Mismatches 99; Indels 1; Gaps 1;  
Db 1 MTNVTSSSVVSRRTASCNDKAKKDGNTTSWTTDCNRTWGVCDTDTTYRVNNDSGHKN 60  
QY 532 CTCCTCTGACCTGCGCCAGCTGGACTGCACATCTGGCAGCTGAGAGTCAGTGATG 591  
Db 61 YSSANYNGNNVGAATHYTHNVSGADSKVTDSYNASGTSSNGTGDN-RSGADS 119  
QY 592 TGGCCCCGAGAGCCAGCTGCTGCTGAGGTGCGCGCTGACCGAAGACGCCAGAAGC 651  
Db 120 YGSKTAMTSRNTCKTANNVDSRNMGDASVGDKNYKHKHAKNSADKVGSKNNGDRNN 179  
QY 652 TGGCAGTTCCTCCAGGAAGAGCGGGCGGAGCGATCGGCAGAGGAGAGGGCGCGCTGGA 711  
Db 180 RYGTGTSVNSNCGGNKRDVSSYANNKCGSSC 214  
QY 712 GACCTGTGGGTGTGAGCTGGCGCTGCTCTCCGGGCG 746  
RESULT 4  
ID US-08-232-463-14 STANDARD; DNA; UNC; 7218 BP.  
AC xxxxxx  
DT  
Sequence 14, Application US/08232463  
Sequence 14, Application US/08232463  
Patent No. 5670367  
GENERAL INFORMATION:  
CC APPLICANT: DORNER, F.  
CC APPLICANT: SCHEIFLINGER, F.  
CC APPLICANT: FALKNER, F. G.  
CC TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS  
CC NUMBER OF SEQUENCES: 52  
CC CORRESPONDENCE ADDRESS:  
CC ADDRESSEE: Foley & Lardner  
CC STREET: 1800 Diagonal Road, Suite 500  
CC CITY: Alexandria  
CC STATE: VA  
CC COUNTRY: USA  
CC ZIP: 22313-0299  
CC COMPUTER READABLE FORM:  
CC MEDIUM TYPE: Floppy disk  
CC COMPUTER: IBM PC compatible  
CC OPERATING SYSTEM: PC-DOS/MS-DOS  
CC SOFTWARE: PatentIn Release #1.0, Version #1.25  
CC CURRENT APPLICATION DATA:  
CC APPLICATION NUMBER: US/08/232,463  
CC FILING DATE:  
CC CLASSIFICATION: 435  
CC PRIOR APPLICATION DATA:  
CC APPLICATION NUMBER: US/07/935,313

CC FILING DATE:  
CC APPLICATION NUMBER: EP 91 114 300.6  
CC FILING DATE: 26-AUG-1991  
CC ATTORNEY/AGENT INFORMATION:  
CC NAME: BENT, Stephen A.  
CC REGISTRATION NUMBER: 29,768  
CC REFERENCE/DOCKET NUMBER: 30472/114 IMMU  
CC TELECOMMUNICATION INFORMATION:  
CC TELEPHONE: (703)836-9300  
CC TELEFAX: (703)683-4109  
CC TELEX: 899149  
CC INFORMATION FOR SEQ ID NO: 14:  
CC SEQUENCE CHARACTERISTICS:  
CC LENGTH: 7218 base pairs  
CC TYPE: nucleic acid  
CC STRANDEDNESS: single  
CC TOPOLOGY: linear  
CC IMMEDIATE SOURCE:  
CC CLONE: pTZgpt-Fls  
CC SEQUENCE 7218 BP; 1494 A; 1491 C; 1486 G; 1929 T; 368 OTHER.  
CC  
Query Match 4.1%; Score 41; DB 1; Length 7218;  
Best Local Similarity 0.0%; Pred. No. 1.07e-10;  
Matches 0; Conservative 100; Mismatches 59; Indels 0; Gaps 0;  
Db 1067 YY 1126  
Cp 727 CTCACCCACGAGTCTCCAGCGCCCTCTCTCTGCGGATCGCTCGCCGCTCTT 668  
Db 1127 YY 1186  
Cp 667 CCGGGGAACTGGCAGCTTCTGCGTCTGCGTGGCGGCGGCGGCGGCGGCGGCGG 608  
Db 1187 YY 1225  
Cp 607 GGGTCTCTGCGGCGCACATGCACTGACTCTCTCAGCTGCC 569  
RESULT 5  
ID PCT-US95-17111A-73 STANDARD; DNA; UNC; 52 BP.  
AC xxxxxx  
DT  
Sequence 73, Application PC/TUS9517111A  
Sequence 73, Application PC/TUS9517111A  
GENERAL INFORMATION:  
CC APPLICANT: de la Monte, Suzanne  
CC APPLICANT: Wands, Jack R.  
CC TITLE OF INVENTION: Neural Thread Protein Gene Expression and  
CC TITLE OF INVENTION: Detection of Alzheimer's Disease  
CC NUMBER OF SEQUENCES: 121  
CC CORRESPONDENCE ADDRESS:  
CC ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
CC STREET: 1100 New York Avenue, Suite 600  
CC CITY: Washington  
CC STATE: D.C.  
CC COUNTRY: U.S.A.  
CC ZIP: 20005-3934  
CC COMPUTER READABLE FORM:  
CC MEDIUM TYPE: Floppy disk  
CC COMPUTER: IBM PC compatible  
CC OPERATING SYSTEM: PC-DOS/MS-DOS  
CC SOFTWARE: PatentIn Release #1.0, Version #1.25  
CC CURRENT APPLICATION DATA:  
CC APPLICATION NUMBER: PCT/US95/17111A  
CC FILING DATE:  
CC CLASSIFICATION:  
CC PRIOR APPLICATION DATA:  
CC APPLICATION NUMBER: 08/340,426  
CC FILING DATE: 14-NOV-1994  
CC ATTORNEY/AGENT INFORMATION:  
CC NAME: Ludwig, Steven R.  
CC REGISTRATION NUMBER: 36,203  
CC REFERENCE/DOCKET NUMBER: 0609.3840002

TELECOMMUNICATION INFORMATION:

CC TELEPHONE: (202) 371-2600  
CC TELEFAX: (202) 371-2540  
CC INFORMATION FOR SEQ ID NO: 73:  
CC SEQUENCE CHARACTERISTICS:  
CC LENGTH: 52 base pairs  
CC TYPE: nucleic acid  
CC STRANDEDNESS: both  
CC TOPOLOGY: both  
SQ SEQUENCE 52 BP; 12 A; 15 C; 11 G; 14 T; 0 OTHER.

Query Match 4.0%; Score 40; DB 2; Length 52;  
Best Local Similarity 96.3%; Pred. No. 4.10e-10;  
Matches 52; Conservative 0; Mismatches 0; Indels 2; Gaps 2;

Db 1 GATCCAACT-ACGTACCGGTGATGC-ACGTCATAGCTCTTCTATAGTGTAC 52

Qy 905 GATCCAACTTACGTACCGGTGATGCACGTCATAGCTCTTCTATAGTGTAC 958

ULT 6  
AC US-08-254-359A-32 STANDARD; DNA; UNC; 206 BP.  
xxxxxx

Sequence 32, Application US/08254359A  
Sequence 32, Application US/08254359A  
Patent No. 5614402

GENERAL INFORMATION:

CC APPLICANT: DAHLBERG, JAMES E.  
CC APPLICANT: LYAMICHEV, VICTOR I.  
CC APPLICANT: BROW, MARY ANN D.  
CC TITLE OF INVENTION: 5' NUCLEASES DERIVED FROM THERMOSTABLE  
CC TITLE OF INVENTION: DNA POLYMERASE  
CC NUMBER OF SEQUENCES: 40  
CC CORRESPONDENCE ADDRESS:  
CC ADDRESSEE: HAVERTOCK, MEDLEN & CARROLL  
CC STREET: 220 MONTGOMERY STREET, SUITE 2200  
CC CITY: SAN FRANCISCO  
CC STATE: CALIFORNIA  
CC COUNTRY: UNITED STATES OF AMERICA  
CC ZIP: 94104

COMPUTER READABLE FORM:

CC MEDIUM TYPE: Floppy disk  
CC COMPUTER: IBM PC compatible  
CC OPERATING SYSTEM: PC-DOS/MS-DOS  
CC SOFTWARE: Patent In Release #1.0, Version #1.25  
CC CURRENT APPLICATION DATA:  
CC APPLICATION NUMBER: US/08/254,359A  
CC FILING DATE:

CLASSIFICATION: 435

CC PRIOR APPLICATION DATA:  
CC APPLICATION NUMBER: US 08/073,384  
CC FILING DATE: 06-JUN-1993

PRIOR APPLICATION DATA:

CC APPLICATION NUMBER: US 07/986,330  
CC FILING DATE: 07-DEC-1992  
CC ATTORNEY/AGENT INFORMATION:  
CC NAME: CARROLL, PETER G.  
CC REGISTRATION NUMBER: 32,837  
CC REFERENCE/DOCKET NUMBER: FORS-01000

TELECOMMUNICATION INFORMATION:

CC TELEPHONE: (415) 705-8410  
CC TELEFAX: (415) 397-8338  
CC INFORMATION FOR SEQ ID NO: 32:  
CC SEQUENCE CHARACTERISTICS:  
CC LENGTH: 206 base pairs  
CC TYPE: nucleic acid  
CC STRANDEDNESS: single  
CC TOPOLOGY: linear  
CC MOLECULE TYPE: DNA (genomic)  
SQ SEQUENCE 206 BP; 49 A; 48 C; 52 G; 57 T; 0 OTHER.

Query Match 3.9%; Score 39; DB 1; Length 206;

Best Local Similarity 97.6%; Pred. No. 1.55e-09;  
Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 10 TTTCCAGTCACGAGTCTGTTAAACGACGCGCCAGTGAATTG 50

Cp 1006 TTTCCAGTCAGGACGTTGTTAAACGACGCGCCAGTGAATTG 966

RESULT 7  
ID US-08-507-455-1 STANDARD; DNA; UNC; 1619 BP.  
AC xxxxxx

DE Sequence 1, Application US/08507455  
CC Sequence 1, Application US/08507455  
CC Patent No. 5655961

GENERAL INFORMATION:

CC APPLICANT:  
CC TITLE OF INVENTION: BIFUNCTIONAL EXPRESSION SYSTEM  
CC NUMBER OF SEQUENCES: 6  
CC CORRESPONDENCE ADDRESS:  
CC ADDRESSEE: NIXON & VANDERHVE P.C.  
CC STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR  
CC CITY: ARLINGTON  
CC STATE: VIRGINIA  
CC COUNTRY: USA  
CC ZIP: 22201-4714  
CC MEDIUM TYPE: Floppy disk  
CC COMPUTER: IBM PC compatible  
CC OPERATING SYSTEM: PC-DOS/MS-DOS  
CC SOFTWARE: Patent In Release #1.0, Version #1.25  
CC CURRENT APPLICATION DATA:  
CC APPLICATION NUMBER: US/08/507,455  
CC FILING DATE: 08-SEP-1995  
CC CLASSIFICATION: 435

PRIOR APPLICATION DATA:

CC APPLICATION NUMBER: GB 9303988.1  
CC FILING DATE: 26-FEB-1993  
CC NAME: MITCHARD, LEONARD C  
CC ATTORNEY/AGENT INFORMATION:  
CC REGISTRATION NUMBER: 29,009  
CC REFERENCE/DOCKET NUMBER: 1498-72

INFORMATION FOR SEQ ID NO: 1:

CC SEQUENCE CHARACTERISTICS:  
CC LENGTH: 1619 base pairs  
CC TYPE: nucleic acid  
CC STRANDEDNESS: double  
CC TOPOLOGY: linear  
CC MOLECULE TYPE: DNA (genomic)  
CC HYPOTHETICAL: NO  
CC ANTI-SENSE: NO  
CC ORIGINAL SOURCE:  
CC ORGANISM: Saccharomyces cerevisiae  
CC FEATURE:  
CC NAME/KEY: misc\_recomb  
CC LOCATION: 546..547  
CC FEATURE:  
CC NAME/KEY: misc\_recomb  
CC LOCATION: 635..636  
CC FEATURE:  
CC NAME/KEY: misc\_recomb  
CC LOCATION: 1035..1036  
CC FEATURE:  
CC NAME/KEY: misc\_recomb  
CC LOCATION: 1411..1412  
CC FEATURE:  
CC NAME/KEY: misc\_feature  
CC LOCATION: 550..555  
CC FEATURE:  
CC NAME/KEY: misc\_feature  
CC LOCATION: 574..579  
CC FEATURE:  
CC NAME/KEY: misc\_feature

CC LOCATION: 568..673  
CC FEATURE: 3.9%; Score 39; DB 1; Length 1619;  
CC NAME/KEY: misc\_feature  
CC LOCATION: 692..697  
CC SEQUENCE 1619 BP; 453 A; 334 C; 289 G; 543 T; 0 OTHER.  
SQ Mismatches 0; Indels 0; Gaps 0;

Query Match  
Best Local Similarity 97.6%; Pred. No. 1.55e-09;  
Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 867 CAATTCACCTGGCGCGTGTTCACACGTCGTGACTGGGAAA 907  
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RESULT 8  
ID US-08-507-455-2 STANDARD; DNA; UNC; 1754 BP.  
AC xxxxxx

Sequence 2, Application US/08507455  
Sequence 2, Application US/08507455  
Patent No. 5695961  
GENERAL INFORMATION:  
APPLICANT: BIFUNCTIONAL EXPRESSION SYSTEM  
TITLE OF INVENTION: BIFUNCTIONAL EXPRESSION SYSTEM  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NIXON & VANDERHVE P.C.  
STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR  
CITY: ARLINGTON  
STATE: VIRGINIA  
COUNTRY: USA  
ZIP: 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/507,455  
FILING DATE: 08-SEP-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9303988.1  
FILING DATE: 26-FEB-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: MITCHARD, LEONARD C  
REGISTRATION NUMBER: 29,009  
REFERENCE/DOCKET NUMBER: 1498-72  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1754 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Saccharomyces cerevisiae  
FEATURE:  
NAME/KEY: misc\_recomb  
LOCATION: 546..547  
FEATURE:  
NAME/KEY: misc\_recomb  
LOCATION: 635..636  
FEATURE:  
NAME/KEY: misc\_recomb  
LOCATION: 1035..1036  
FEATURE:  
NAME/KEY: misc\_recomb  
LOCATION: 1411..1412  
SEQUENCE 1754 BP; 491 A; 365 C; 319 G; 579 T; 0 OTHER.

Query Match  
Best Local Similarity 97.6%; Pred. No. 1.55e-09;  
Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 999 CAATTCACCTGGCGCGTGTTCACACGTCGTGACTGGGAAA 1039  
QY |||||||||||||||||||||||||||||||||||||||

RESULT 9  
ID US-07-924-028A-6 STANDARD; DNA; UNC; 3681 BP.  
AC xxxxxx

Sequence 6, Application US/07924028A  
Sequence 6, Application US/07924028A  
Patent No. 5470573  
GENERAL INFORMATION:  
APPLICANT: Lubitz Werner, Szostak, Michael P.  
TITLE OF INVENTION: CARRIER-BOUND RECOMBINANT PROTEINS, PROCESS  
TITLE OF INVENTION: FOR THE PRODUCTION AND USE AS IMMUNOGENS AND VACCINES  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Felfe & Lynch  
STREET: 805 Third Avenue  
CITY: New York City  
STATE: New York  
COUNTRY: USA  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/924,028A  
FILING DATE: 30-SEP-1992  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/EP91/00308  
FILING DATE: 02-FEB-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DE 40 05 874  
FILING DATE: 24-FEB-1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Hanson, No. 5470573man D.  
REGISTRATION NUMBER: 30,946  
REFERENCE/DOCKET NUMBER: HUBR 1027  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 688-9200  
TELEFAX: (212) 838-3884  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 3681 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SQ SEQUENCE 3681 BP; 949 A; 917 C; 932 G; 883 T; 0 OTHER.

Query Match  
Best Local Similarity 97.6%; Pred. No. 1.55e-09;  
Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 580 TTTCACGTCAGCAGCTGTGTAAACGACGCCAGTGAATTG 620  
Cp |||||||||||||||||||||||||||||||||||||||

RESULT 10  
ID US-08-204-675-1 STANDARD; DNA; UNC; 4164 BP.  
AC xxxxxx

Sequence 1, Application US/08204675

CC Sequence 1, Application US/08204675  
CC Patent No. 5677170  
CC GENERAL INFORMATION:  
CC APPLICANT: Devine, Scott E.  
CC APPLICANT: Boeke, Jef D.  
CC APPLICANT: Braiterman, Lelita T.  
CC TITLE OF INVENTION: In Vitro Transposition of Artificial  
CC TITLE OF INVENTION: Transposons  
CC NUMBER OF SEQUENCES: 7  
CC CORRESPONDENCE ADDRESSES:  
CC ADDRESSEE: Banner, Birch, McKie, and Beckett  
CC STREET: 1001 G Street, N.W.  
CC CITY: Washington  
CC STATE: D.C.  
CC COUNTRY: U.S.A.  
CC ZIP: 20001  
CC  
CC COMPUTER READABLE FORM:  
CC MEDIUM TYPE: Floppy disk  
CC COMPUTER: IBM PC compatible  
CC OPERATING SYSTEM: PC-DOS/MS-DOS  
CC SOFTWARE: Patent In Release #1.0, Version #1.25  
CC CURRENT APPLICATION DATA:  
CC APPLICATION NUMBER: US/08/204,675  
CC FILING DATE: 02-MAR-1994  
CC CLASSIFICATION: 435  
CC ATTORNEY/AGENT INFORMATION:  
CC NAME: Kagan, Sarah A.  
CC REGISTRATION NUMBER: 32,141  
CC REFERENCE/DOCKET NUMBER: 01107.45501  
CC TELECOMMUNICATION INFORMATION:  
CC TELEPHONE: 202.508.9100  
CC TELEFAX: 202.508.9299  
CC TELEX: 197430 BMB UT  
CC INFORMATION FOR SEQ ID NO: 1:  
CC SEQUENCE CHARACTERISTICS:  
CC LENGTH: 4164 base pairs  
CC TYPE: nucleic acid  
CC STRANDEDNESS: double  
CC TOPOLOGY: circular  
CC MOLECULE TYPE: DNA (genomic)  
CC HYPOTHETICAL: NO  
CC ANTI-SENSE: NO  
CC IMMEDIATE SOURCE:  
CC CLONE: PAT-1  
CC  
CC SEQUENCE 4164 BP; 1185 A; 886 C; 988 G; 1105 T; 0 OTHER.  
Query Match 3.9%; Score 39; DB 1; Length 4164;  
Best Local Similarity 97.6%; Pred. No. 1.55e-09;  
Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
1933 TTTCCTCAGTCACGAGTGTGTAACAGCAGCGCCAGTGAATTG 1973  
|||||  
Cp 1006 TTTCCTCAGTCACGAGTGTGTAACAGCAGCGCCAGTGAATTG 966  
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RESULT 11  
ID PCT-US95-02520-1 STANDARD; DNA; UNC: 4164 BP.  
AC xxxxxx  
DT  
DE Sequence 1, Application PC/TUS9502520  
CC Sequence 1, Application PC/TUS9502520  
CC GENERAL INFORMATION:  
CC APPLICANT: The Johns Hopkins University  
CC TITLE OF INVENTION: In Vitro Transposition of Artificial  
CC TITLE OF INVENTION: Transposons  
CC NUMBER OF SEQUENCES: 7  
CC CORRESPONDENCE ADDRESSES:  
CC ADDRESSEE: Banner, Birch, McKie, and Beckett  
CC STREET: 1001 G Street, N.W.  
CC CITY: Washington  
CC STATE: D.C.  
CC COUNTRY: U.S.A.  
CC ZIP: 20001

CC COMPUTER READABLE FORM:  
CC MEDIUM TYPE: Floppy disk  
CC COMPUTER: IBM PC compatible  
CC OPERATING SYSTEM: PC-DOS/MS-DOS  
CC SOFTWARE: Patent In Release #1.0, Version #1.25  
CC CURRENT APPLICATION DATA:  
CC APPLICATION NUMBER: PCT/US95/02520  
CC FILING DATE: 02-MAR-1995  
CC CLASSIFICATION:  
CC ATTORNEY/AGENT INFORMATION:  
CC NAME: Kagan, Sarah A.  
CC REGISTRATION NUMBER: 32,141  
CC REFERENCE/DOCKET NUMBER: 01107.49245  
CC TELECOMMUNICATION INFORMATION:  
CC TELEPHONE: 202.508.9100  
CC TELEFAX: 202.508.9299  
CC TELEX: 197430 BMB UT  
CC INFORMATION FOR SEQ ID NO: 1:  
CC SEQUENCE CHARACTERISTICS:  
CC LENGTH: 4164 base pairs  
CC TYPE: nucleic acid  
CC STRANDEDNESS: double  
CC TOPOLOGY: circular  
CC MOLECULE TYPE: DNA (genomic)  
CC HYPOTHETICAL: NO  
CC ANTI-SENSE: NO  
CC IMMEDIATE SOURCE:  
CC CLONE: PAT-1  
CC  
CC SEQUENCE 4164 BP; 1185 A; 886 C; 988 G; 1105 T; 0 OTHER.  
Query Match 3.9%; Score 39; DB 2; Length 4164;  
Best Local Similarity 97.6%; Pred. No. 1.55e-09;  
Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
1933 TTTCCTCAGTCACGAGTGTGTAACAGCAGCGCCAGTGAATTG 1973  
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Cp 1006 TTTCCTCAGTCACGAGTGTGTAACAGCAGCGCCAGTGAATTG 966  
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RESULT 12  
ID US-08-445-265A-1 STANDARD; DNA; UNC: 4283 BP.  
AC xxxxxx  
DT  
DE Sequence 1, Application US/08445265A  
CC Sequence 1, Application US/08445265A  
CC Patent No. 5697901  
CC GENERAL INFORMATION:  
CC APPLICANT: Eriksson, Elof  
CC TITLE OF INVENTION: GENE DELIVERY BY MICRONEEDLE INJECTION  
CC NUMBER OF SEQUENCES: 4  
CC CORRESPONDENCE ADDRESSES:  
CC ADDRESSEE: Quarles & Brady  
CC STREET: 1 South Pinckney Street  
CC CITY: Madison  
CC STATE: WI  
CC COUNTRY: US  
CC ZIP: 53703  
CC  
CC COMPUTER READABLE FORM:  
CC MEDIUM TYPE: Floppy disk  
CC COMPUTER: IBM PC compatible  
CC OPERATING SYSTEM: PC-DOS/MS-DOS  
CC SOFTWARE: Patent In Release #1.0, Version #1.30  
CC CURRENT APPLICATION DATA:  
CC APPLICATION NUMBER: US/08/445,265A  
CC FILING DATE:  
CC CLASSIFICATION: 604  
CC ATTORNEY/AGENT INFORMATION:  
CC NAME: Seay, Nicholas J  
CC REGISTRATION NUMBER: 27386  
CC REFERENCE/DOCKET NUMBER: 110229.91080  
CC TELECOMMUNICATION INFORMATION:  
CC TELEPHONE: 608-251-5000  
CC TELEFAX: 608-251-9166





Db 820 TTCCAGTCAGCAGTGTGTAACGACGCGCAGTGAATTG 860  
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Cc 1006 TTCCAGTCAGCAGTGTGTAACGACGCGCAGTGAATTG 966  
|||||

RESULT 15  
ID US-08-204-675-2 STANDARD; DNA; UNC; 4933 BP.  
AC xxxxx  
DT  
DE Sequence 2, Application US/08204675  
CC Sequence 2, Application US/08204675  
CC Patent No. 5677170  
CC GENERAL INFORMATION:  
CC APPLICANT: Devine, Scott E.  
CC APPLICANT: Boeke, Jef D.  
CC APPLICANT: Brateman, Lelita T.  
CC TITLE OF INVENTION: In Vitro Transposition of Artificial  
CC TITLE OF INVENTION: Transposons  
CC NUMBER OF SEQUENCES: 7  
CC  
CC CORRESPONDENCE ADDRESS:  
CC ADDRESSEE: Banner, Birch, McKie, and Beckett  
CC STREET: 1001 G Street, N.W.  
CC CITY: Washington  
CC STATE: D.C.  
CC COUNTRY: U.S.A.  
CC ZIP: 20001  
CC COMPUTER READABLE FORM:  
CC MEDIUM TYPE: Floppy disk  
CC COMPUTER: IBM PC compatible  
CC OPERATING SYSTEM: PC-DOS/MS-DOS  
CC SOFTWARE: PatentIn Release #1.0, Version #1.25  
CC CURRENT APPLICATION DATA:  
CC APPLICATION NUMBER: US/08/204,675  
CC FILING DATE: 02-MAR-1994  
CC CLASSIFICATION: 435  
CC ATTORNEY/AGENT INFORMATION:  
CC NAME: Kagan, Sarah A.  
CC REGISTRATION NUMBER: 32,141  
CC REFERENCE/DOCKET NUMBER: 01107.45501  
CC TELECOMMUNICATION INFORMATION:  
CC TELEPHONE: 202.508.9100  
CC TELEFAX: 202.508.9299  
CC TELEX: 197430 BMB UT  
CC INFORMATION FOR SEQ ID NO: 2:  
CC SEQUENCE CHARACTERISTICS:  
CC LENGTH: 4933 base pairs  
CC TYPE: nucleic acid  
CC STRANDEDNESS: double  
CC TOPOLOGY: circular  
CC MOLECULE TYPE: DNA (genomic)  
CC HYPOTHETICAL: NO  
CC ANTI-SENSE: NO  
CC IMMEDIATE SOURCE:  
CC CLONE: PAT-2  
CC SEQUENCE 4933 BP; 1431 A; 1031 C; 1157 G; 1314 T; 0 OTHER.

Query Match 3.9%; Score 39; DB 1; Length 4933;  
Best Local Similarity 97.6%; Pred. No. 1.55e-09;  
Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 1933 TTCCAGTCAGCAGTGTGTAACGACGCGCAGTGAATTG 1973  
|||||  
Cc 1006 TTCCAGTCAGCAGTGTGTAACGACGCGCAGTGAATTG 966  
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Search completed: Wed Sep 2 01:54:39 1998  
Job time : 134 secs.